

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L55	771	Poon.in.	US-PGPUB; USPAT	OR	ON	2009/11/02 16:24
L56	1	55 and ((dac near1 ha).xa. (dac near1 ha.xp.))	US-PGPUB; USPAT	OR	ON	2009/11/02 16:24
L57	21	("4425665"   "4931250"   "5349635"   "5367563"   "5491832"   "5533004"   "5537398"   "5550881"   "5557634"   "5559810"   "5577087"   "5602868"   "5655003"   "5671253"   "5717471"   "5764699"   "5872810"   "5940438"   "5982819"   "6037835"   "6208663").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/02 16:25
L58	6	("6671328").URPN.	USPAT	OR	OFF	2009/11/02 16:25
L59	47	("6208663").URPN.	USPAT	OR	OFF	2009/11/02 17:00
L60	23	("5526399"   "5533004"   "5559810"   "5577087"   "5600663"   "5638384"   "5699365"   "5701294"   "5722051"   "5757813"   "5764699"   "5828672"   "5828677"   "5844918"   "5909469"   "5923642"   "5940439"   "5946320"   "5983382"   "5991286"   "6011950"   "6021516"   "6044485").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/02 17:00
L61	70	59 60	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/02 17:01
L62	50885	((encod\$3 cod\$3) with (multi \$4 plural\$5 among different)) with (quality environment character\$5 parameter)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 17:03
L63	14	61 and 62	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 17:03

L64	3	63 and tdma	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 17:04
L65	13	("20020099529"   "20030123598"   "5559810"   "5764699"   "6208663"   "6385462"   "6802035"   "6909758"   "7050488"   "7072413"   "7191381"   "7197084"   "7277492").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/02 17:12
S1	405000	(available allow\$5) with (resource bandwidth capaticy channel rate)	US-PGPUB; USPAT	OR	OFF	2008/11/22 15:23
S2	17477	S1 and (available allow\$5) with (resource bandwidth capaticy channel rate).ab.	US-PGPUB; USPAT	OR	OFF	2008/11/22 15:24
S3	29526	S1 with transmit\$5	US-PGPUB; USPAT	OR	ON	2008/11/22 15:24
S4	510141	(available allow\$5) with (resource bandwidth capaticy channel rate)	US-PGPUB; USPAT	OR	ON	2008/11/22 15:24
S5	34408	S4 with transmit\$5	US-PGPUB; USPAT	OR	ON	2008/11/22 15:24
S6	3102	S5 and (available allow\$5) with (resource bandwidth capaticy channel rate).ab.	US-PGPUB; USPAT	OR	OFF	2008/11/22 15:24
S7	6588	(375/140 375/141 375/146 375/219 375/220 375/260). ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/22 15:26
S8	18428	(370/319 370/320 370/329 370/335 370/341 370/342 370/343 370/395.21 "370/395.2" "370/395.41" 370/431 370/433 370/437 370/463 370/464 370/462 370/468 370/478 370/479). ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/22 15:39
S9	8737	(455/450 455/452.1 455/452.2 455/453 455/464 455/509 455/522 ).ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/22 15:44
S10	31423	S7 S8 S9	US-PGPUB; USPAT	OR	OFF	2008/11/22 15:44
S11	412	S5 same ( (call connection) near2 (setup (set adj up) intial\$5 startup (start adj up) request\$4) handshak\$3 (hand adj shak\$3))	USPAT	OR	OFF	2008/11/22 15:50
S12	82	S11 and (available allow\$5) with (resource bandwidth capaticy channel rate).ab.	US-PGPUB; USPAT	OR	OFF	2008/11/22 15:50

S13	31	S12 and ( (call connection) near2 (setup (set adj up) initial\$5 startup (start adj up) request\$4) handshak\$3 (hand adj shak\$3)).ab.	USPAT	OR	OFF	2008/11/22 15:51
S14	20	S10 and S13	USPAT	OR	OFF	2008/11/22 15:51
S15	653	((sammo near1 cho) (hyun near1 lee) (soo\$3 near1 lee) (chietek near1 ahn)).in.	USPAT	OR	OFF	2008/11/22 16:50
S16	11	(available allow\$5) with (resource bandwidth capaticy channel rate).clm. and S15	US-PGPUB; USPAT	OR	ON	2008/11/22 16:51
S17	7	("20030050071"   "20030117953"   "20040203815"   "5504939"   "5574775"   "6188903"   "6856652").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/22 17:16
S18	540848	(available allow\$5 allocat\$4) with (resource bandwidth capaticy channel rate)	US-PGPUB; USPAT	OR	ON	2008/11/22 17:30
S19	4939	S18 same ( (call connection) near2 (setup (set adj up) initial\$5 startup (start adj up) request\$4) handshak\$3 (hand adj shak\$3))	USPAT	OR	OFF	2008/11/22 17:31
S20	0	S19 same capaticy	US-PGPUB; USPAT	OR	ON	2008/11/22 17:31
S21	8671	S18 same ( (call connection) near2 (setup (set adj up) initial\$5 startup (start adj up) request\$4) handshak\$3 (hand adj shak\$3))	US-PGPUB; USPAT	OR	OFF	2008/11/22 17:32
S22	1020	S21 same ( (plural\$4 multi multiple divid\$4 division group\$4) with (channel frequency))	US-PGPUB; USPAT	OR	ON	2008/11/22 17:34
S23	343	S22 and S10	US-PGPUB; USPAT	OR	ON	2008/11/22 17:34
S24	0	S23 and capaticy	US-PGPUB; USPAT	OR	ON	2008/11/22 17:34
S25	0	(available allow\$5 allocat\$4) with (capaticy)	US-PGPUB; USPAT	OR	ON	2008/11/22 17:35
S26	609557	(available allow\$5 allocat\$4) with (resource bandwidth capacity channel rate)	US-PGPUB; USPAT	OR	ON	2008/11/22 17:35
S27	5119	S26 same ( (call connection) near2 (setup (set adj up) initial\$5 startup (start adj up) request\$4) handshak\$3 (hand adj shak\$3))	USPAT	OR	OFF	2008/11/22 17:35

S28	8985	S26 same ( (call connection) near2 (setup (set adj up) initial\$5 startup (start adj up) request\$4) handshak\$3 (hand adj shak\$3))	US-PGPUB; USPAT	OR	OFF	2008/11/22 17:36
S29	9562	S26 same ( (call connection) near2 (setup (set adj up) initial\$5 startup (start adj up) request\$4) handshak\$3 (hand adj shak\$3))	US-PGPUB; USPAT	OR	ON	2008/11/22 17:36
S30	1103	S29 same ( (plural\$4 multiple divid\$4 division group\$4) with (channel frequency))	US-PGPUB; USPAT	OR	ON	2008/11/22 17:36
S31	371	S30 and S10	US-PGPUB; USPAT	OR	ON	2008/11/22 17:36
S32	0	S31 and capaticy	US-PGPUB; USPAT	OR	ON	2008/11/22 17:37
S33	237	S31 and capacity	US-PGPUB; USPAT	OR	ON	2008/11/22 17:37
S34	35	S31 and capacity.clm.	US-PGPUB; USPAT	OR	ON	2008/11/22 17:37
S35	608	S30 same transmi\$6	US-PGPUB; USPAT	OR	ON	2008/11/22 17:38
S36	220	S35 and S10	US-PGPUB; USPAT	OR	ON	2008/11/22 17:38
S37	19	S36 and capacity.clm.	US-PGPUB; USPAT	OR	ON	2008/11/22 17:38
S38	19	S37 and capacity	US-PGPUB; USPAT	OR	ON	2008/11/22 17:38
S39	1	"20060056524"	US-PGPUB; USPAT	OR	ON	2008/11/22 17:41
S40	0	S39 and S38	US-PGPUB; USPAT	OR	ON	2008/11/22 17:42
S41	0	S39 and S36	US-PGPUB; USPAT	OR	ON	2008/11/22 17:42
S42	0	S39 and S35	US-PGPUB; USPAT	OR	ON	2008/11/22 17:42
S43	0	S39 and S31	US-PGPUB; USPAT	OR	ON	2008/11/22 17:42
S44	0	S39 and S30	US-PGPUB; USPAT	OR	ON	2008/11/22 17:42
S45	0	S39 and S29	US-PGPUB; USPAT	OR	ON	2008/11/22 17:43
S46	0	S39 and software	US-PGPUB; USPAT	OR	ON	2008/11/22 17:43
S47	1	S26 and S39	US-PGPUB; USPAT	OR	ON	2008/11/22 17:43

S48	3293	S26 same ofdm	US-PGPUB; USPAT	OR	ON	2008/11/22 17:47
S49	1711	S26 with ofdm	US-PGPUB; USPAT	OR	ON	2008/11/22 17:47
S50	6	S30 same ofdm	US-PGPUB; USPAT	OR	ON	2008/11/22 17:47
S51	0	S39 with (carrier band frequency bin)	US-PGPUB; USPAT	OR	ON	2008/11/22 17:49
S52	1041	S49 with (carrier band frequency bin)	US-PGPUB; USPAT	OR	ON	2008/11/22 17:49
S53	270	((available allow\$5 allocat\$4) with (resource bandwidth capacity channel rate)).ab. and S52	US-PGPUB; USPAT	OR	ON	2008/11/22 17:49
S54	96	S53 and ofdm.ab.	US-PGPUB; USPAT	OR	ON	2008/11/22 17:50
S55	15	S54 and (ofdm with purpose)	US-PGPUB; USPAT	OR	ON	2008/11/22 17:55
S56	141	S36 and capacity	US-PGPUB; USPAT	OR	ON	2008/11/22 18:35
S57	8	S56 and (available with data with capacity)	US-PGPUB; USPAT	OR	ON	2008/11/22 18:35
S58	2	"20030112880"	US-PGPUB; USPAT	OR	ON	2008/11/22 18:49
S59	1	"20050128936"	US-PGPUB; USPAT	OR	ON	2008/11/22 18:50
S60	41	("5859840").URPN.	USPAT	OR	OFF	2008/11/22 20:04
S61	72	("3310631"   "3715508"   "4052565"   "4135059"   "4220821"   "4256925"   "4291406"   "4291409"   "4298979"   "4301530"   "4319353"   "4322845"   "4339818"   "4369434"   "4373151"   "4383315"   "4424417"   "4445213"   "4455649"   "4460992"   "4472815"   "4477900"   "4491947"   "4494232"   "4547880"   "4562572"   "4587652"   "4594476"   "4635221"   "4688035"   "4726014"   "4730340"   "4774987"   "4805167"   "4839892"   "4870642"   "4872200"   "4876698"   "4899337"   "4901307"   "4930118"   "4933952"   "4939745"   "4965796"   "4970648"   "5003533"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/22 20:04

		"5003534"   "5068849"   "5101501"   "5103459"   "5107377"   "5115429"   "5121383"   "5168575"   "5172375"   "5179549"   "5212684"   "5212687"   "5216503"   "5231649"   "5276730"   "5280537"   "5293640"   "5305308"   "5349580"   "5351240"   "5381412"   "5400328"   "5420861"   "5440542"   "5442625").PN.				
S62	3	("6470004").URPN.	USPAT	OR	OFF	2008/11/22 20:04
S63	8	("5533019"   "5638371"   "5719859"   "5729541"   "5742610"   "5778318"   "6052371"   "6052594").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/22 20:04
S64	1391	(source adj (cod\$3 encod \$3)) same ((channel convolution\$4 block) adj (cod \$3 encod\$3))	US-PGPUB; USPAT	OR	ON	2008/11/23 11:47
S65	167	S64 same multiplex\$4	US-PGPUB; USPAT	OR	ON	2008/11/23 11:48
S66	8	S64 same mux	US-PGPUB; USPAT	OR	ON	2008/11/23 11:48
S67	168	S65 S66	US-PGPUB; USPAT	OR	ON	2008/11/23 11:48
S68	98	S67 same modulat\$4	US-PGPUB; USPAT	OR	ON	2008/11/23 11:48
S69	63	S68 same (cdma ofdm carrier band frequency)	US-PGPUB; USPAT	OR	ON	2008/11/23 11:49
S70	1	"7002900".pn.	US-PGPUB; USPAT	OR	ON	2008/11/23 12:00
S71	62	( "6741580" "6621809" "7212544" "6615052" "6526067" "6452905" "6442390" "6411601" "5784358" "5315586" "6707856" "7307953" "20050201474" "5818813" "20050037766" "20040082333" "7292861" "7227849" "7058079" "6993340" "6975867" "5914950" "5859840" "20060056524" "20050213499" "20040086027" "20020069075" "7440517" "7002900" "7356094" "7142608" "7085377") and	US-PGPUB; USPAT	OR	ON	2008/11/23 12:47

		imag\$3				
S72	1	S69 and "7085377".pn.	USPAT	OR	OFF	2008/11/23 13:01
S73	0	"6470004".pn. and (uplink revers\$3)	USPAT	OR	ON	2008/12/17 13:14
S74	1	"6470004".pn.	USPAT	OR	ON	2008/12/17 13:16
S75	505	("6741580" "6621809" "7212544" "6615052" "6526067" "6452905" "6442390" "6411601" "5784358" "5315586" "6707856" "7307953" "20050201474" "5818813" "20050037766" "20040082333" "7292861" "7227849" "7058079" "6993340" "6975867" "5914950" "5859840" "20060056524" "20050213499" "20040086027" "20020069075" "7440517" "7002900" "7356094" "7142608" "7085377")	US-PGPUB; USPAT	OR	ON	2009/05/26 18:00
S76	164	S75 and broadcast\$4	US-PGPUB; USPAT	OR	ON	2009/05/26 18:00
S77	65	S76 and ((plural\$4 multi\$6 among) with broadcast\$4)	US-PGPUB; USPAT	OR	ON	2009/05/26 18:01
S78	37	S77 and (data with (split\$4 divi\$6 separat\$5 demux demultiplex\$4))	US-PGPUB; USPAT	OR	ON	2009/05/26 18:02
S79	16	S78 not @ad> = "20021226"	US-PGPUB; USPAT	OR	ON	2009/05/26 18:02
S80	15	S79 and (BS (base near1 station))	US-PGPUB; USPAT	OR	ON	2009/05/26 18:19
S81	505	("6741580" "6621809" "7212544" "6615052" "6526067" "6452905" "6442390" "6411601" "5784358" "5315586" "6707856" "7307953" "20050201474" "5818813" "20050037766" "20040082333" "7292861" "7227849" "7058079" "6993340" "6975867" "5914950" "5859840" "20060056524" "20050213499" "20040086027" "20020069075" "7440517" "7002900" "7356094"	US-PGPUB; USPAT	OR	ON	2009/05/27 10:16

		"7142608" "7085377")				
S82	164	S81 and broadcast\$4	US-PGPUB; USPAT	OR	ON	2009/05/27 10:16
S83	65	S82 and ((plural\$4 multi\$6 among) with broadcast\$4)	US-PGPUB; USPAT	OR	ON	2009/05/27 10:16
S84	37	S83 and (data with (split\$4 divi\$6 separat\$5 demux demultiplex\$4))	US-PGPUB; USPAT	OR	ON	2009/05/27 10:16
S85	16	S84 not @ad> = "20021226"	US-PGPUB; USPAT	OR	ON	2009/05/27 10:16
S86	15	S85 and (BS (base near1 station))	US-PGPUB; USPAT	OR	ON	2009/05/27 10:16
S87	83	S82 and (ofdm dmt ((plural \$4 multi\$6 sub) near1 (channel carrier band frequency bin)))	US-PGPUB; USPAT	OR	ON	2009/05/27 10:18
S88	14	S87 and broadcast\$4.ab.	US-PGPUB; USPAT	OR	ON	2009/05/27 10:18
S89	23	S81 and broadcast\$4.ab.	US-PGPUB; USPAT	OR	ON	2009/05/27 10:26
S90	14	S87 and S89	US-PGPUB; USPAT	OR	ON	2009/05/27 10:26
S91	14573	(broadcast\$4) same (ofdm dmt ((plural\$4 multi\$6 sub) near1 (channel carrier band frequency bin)))	US-PGPUB; USPAT	OR	ON	2009/05/27 10:29
S92	1330	S91 same encod\$4	US-PGPUB; USPAT	OR	ON	2009/05/27 10:29
S93	574	S92 same (mux multiplex\$4 divi\$6)	US-PGPUB; USPAT	OR	ON	2009/05/27 10:29
S94	289	S93 same modulat\$4	US-PGPUB; USPAT	OR	ON	2009/05/27 10:30
S95	201	S94 same transmit\$4	US-PGPUB; USPAT	OR	ON	2009/05/27 10:30
S96	57	S95 and (channel near1 (encod\$4 cod\$4))	US-PGPUB; USPAT	OR	ON	2009/05/27 10:30
S97	13	S95 same (channel near1 (encod\$4 cod\$4))	US-PGPUB; USPAT	OR	ON	2009/05/27 10:30
S98	3	S97 same (source near1 (cod \$4 encod\$4))	US-PGPUB; USPAT	OR	ON	2009/05/27 10:31
S99	10	S97 not S98	US-PGPUB; USPAT	OR	ON	2009/05/27 10:31
S100	5	S99 not @ad> = "20021226"	US-PGPUB; USPAT	OR	ON	2009/05/27 10:32
S101	44	S96 not S97	US-PGPUB; USPAT	OR	ON	2009/05/27 10:35
S102	22	S101 not @ad> = "20021226"	US-PGPUB; USPAT	OR	ON	2009/05/27 10:35



**11/ 2/ 2009 6:22:12 PM**

**C:\ Documents and Settings\ dha\ My Documents\ EAST\ Workspaces\ 10540892.wsp**